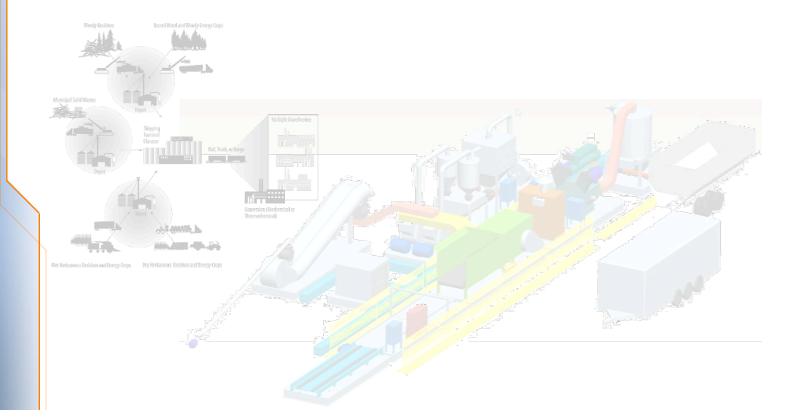
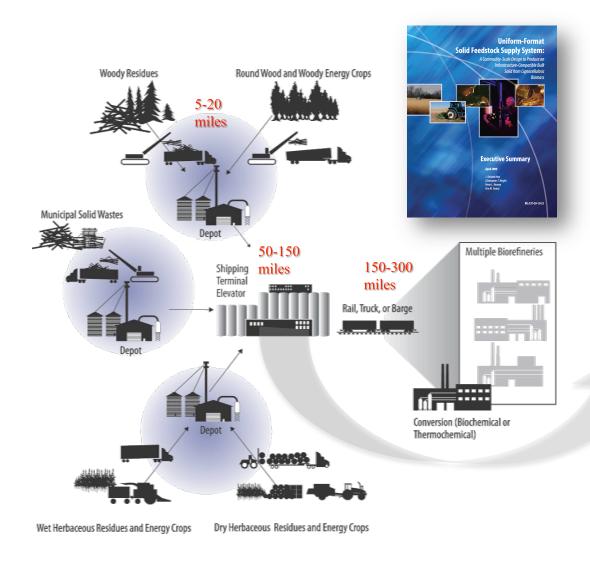
# **INL Bioenergy Program**

Christopher T. Wright, Ph.D.





# Development of a Commodity Feedstock Supply

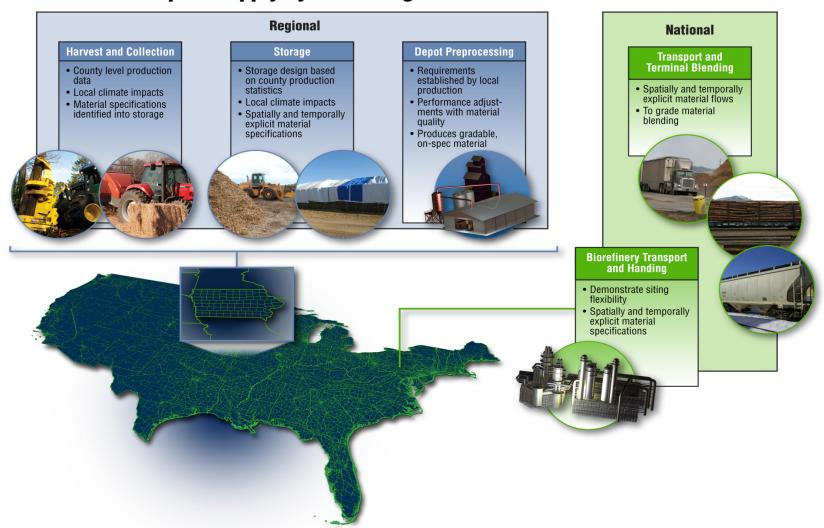






### **Uniform Format Implementation**

#### **Resource Coupled Supply System Design**





## Advantages of Commodity-Scale Supply

- No stranded resources and higher resource volumes
- Significantly reduce risk of obtaining a stable feedstock
- Feedstock supply buffer added
  - Stabilize supply and price
  - Lower capital financing costs
  - Provide strategic reserves
- Consistent feedstock specifications delivered to plant gate
- Biorefinery citing and sizing
  - Eliminate resource (feedstock) draw constraints
  - Focus on infrastructure variables such as water, gas, electricity, labor, transportation systems, tax incentives, product distribution, and end product demand.